



# AIRSLetter '96

The AIRSLetter is a quarterly publication produced by the Environmental Protection Agency, Office of Air Quality Planning & Standards, Information Transfer & Program Integration Division. It is intended to provide information and emerging issues related to the Aerometric Information Retrieval System (AIRS).

## What's Inside!!

Article Name	Page #
<u>General AIRS Articles:</u>	
Notes From IMG	1
1996 AIRS Conference Not Rescheduled	1
AIRS Re-Engineering	2
Have You Seen Our World Wide Web Sites?	2
Remember the GUI Front-end Project?	3
AQS, GCS, AIRSG Helpline Numbers	4
SYSD Replaced by NSPF	4
<u>AQS Articles:</u>	
AIRS AQS Re-Engineering	5
Change in SO <sub>2</sub> Standard	6
Questions of TNMOC vs. TNMHC for	
<u>PAMS6</u>	
<u>AFS Articles:</u>	
AFS Batch Update	7
Discontinuing NEDS & CDS Formats	8
Recent Enhancements for AFS	8
MACT Enhancements	9
MACT Program	
10 Merge Status	
12 Title V Comes of Age	
13 Federally Required Title V Permits	
13 AFS Contractor Transition	
13	



## Notes From IMG

by [Ed Lillis](#)

A lot has happened since the last AIRSLetter. The lack of a FY-96 budget for EPA has created some real problems. We had to cancel the AIRS Conference that was scheduled for this past November. We and our contractor support team were furloughed during the government shutdown. The furlough and the limited budget have delayed some projects, such as the AFS batch enhancement.

Some positive things have happened as well. The case-by-case MACT enhancement is now operational. We are looking for States to upload toxics data into AFS so that the MACT enhancement can do what it was designed to do. We have expanded the amount of information and tools available thru OAR's Home Page on the WWW. We are also continuing to make progress on the MERGE effort, with only a small number of States without merged data.

We have also decided to modernize AIRS and will begin with the AQS subsystem. We want your input on the changes you believe would be useful to enhance this subsystem.

This AIRSLetter contains detailed articles describing these and other activities. Please take a few minutes to see what's going on.

## 1996 AIRS Conference Will Not be Rescheduled - - AQS Re-Engineering Conference Possible

by [Jerry Husketh](#)

**PLEASE NOTE:** Due to continued problems with the budget, travel restrictions, etc., the Information Management Group has decided not to hold the 8th Annual AIRS Conference this spring as previously mentioned in the AIRSLetter. However, We may host a smaller, more focused meeting here in North Carolina to discuss re-engineering the Air Quality Subsystem.

**Continued from "AIRS Conference Not to be Rescheduled" (Page 1):**

As you are probably aware, EPA is currently operating under a serious budget crunch. This is not likely to change until after the November elections. Of course, at that time other budget situations possibly will surface including RIFs, furloughs, travel limitations etc. These potential nightmares further complicate planning for the AIRS Conference until the agency budget dilemma is resolved. At this time, we are considering scheduling the FY97 conference some time in the spring of 1997. We will keep you informed about our future plans.

Please do not hesitate to call me at (919) 541-5449 if you have questions or concerns that I can help you with.

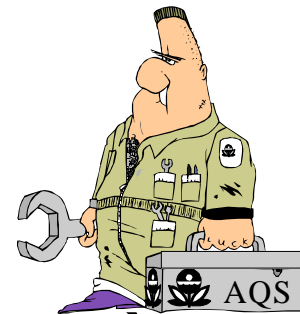
## AIRS Re-engineering

by *Andrea Kelsey*

With all of the new technology that has become available since AIRS was first designed in the mid-eighties, the IMG folks felt that the time was right to investigate the possibilities of modernizing AIRS. Therefore, a project was initiated last fall to look into this issue. Due to the limited budget restraints this fiscal year, we decided to first perform an internal EPA headquarters high-level requirements analysis. The feeling of IMG was that support from within EPA headquarters organizations for this effort was needed first. It was our opinion that it would be premature to involve the EPA Regions, State/Local Agencies and other end users of AIRS until strategic management re-engineering decisions were made.

There were various requirements meetings held within OAQPS and OECA during the fall. Most people agreed that AIRS should be modernized as soon as possible. Several options were discussed, because it was recognized that there would not be enough resources this fiscal year to begin re-engineering the whole system. Therefore, the issue became which subsystem should be re-engineered first. Several consensus meetings and management briefings were held to address this issue.

The result of these meetings was a decision to re-engineer the Air Quality Subsystem (AQS) first. The rationale for this decision was mainly because the AQS is less complex than the AIRS Facility Subsystem (AFS) in terms of the data model, the functionality and the reporting requirements. In addition, the emissions inventory component of AFS may be under transition due to the efforts of the Emission Inventory Improvement Program (EIIP). Since this program is still underway, it is difficult to re-engineer AFS before the EIIP results are finalized. If you have any questions about this project, please contact me.



## Have You Seen Our World Wide Web Sites?

by *Tom Link*

If you haven't seen our web sites yet, take the opportunity to have a look--there's a lot of information available, and they're a good place to direct requesters wanting to know more about the AIRS System and what's available. The AIRS Website is also a good place to direct requesters of the AIRS Executive PC software--they can download the files directly from the Website. Since February of 1995, there have been more than 245,700 "hits" on AIRS web pages and the traffic is increasing each month. Selections of data, maps, contacts and much

EPA's AIR POLLUTION DATABASE:

**A I R S**

Aerometric Information Retrieval System

<http://www.epa.gov/airs>

more are presented and updated on a quarterly

**Continued from "Have You Seen our World Wide Web Sites?" (Page 2):**

basis. In addition, TELNET access to the AIRS Bulletin Board on the Technology Transfer Network (TTN) is explained and provided via the AIRS Website. This and future issues of the AIRSLetter will also be made available at the AIRS Website using the Acrobat Reader. Feel free to send us your suggestions and comments for making the AIRS Website more useful to our diverse audiences.

Another Website you may find useful is the Office of Air and Radiation (OAR) website. This is your "one-stop" shopping center for everything EPA is working on related to air pollution and air

radiation. You'll also find the AIRS Website and OAQPS Website easily accessible from this location under the RESOURCES key. Again this is a great resource to direct people to who might have called you, but are really looking for information on mobile sources or radon or other stuff.

Our office is working with all OAR offices to make this site as useful and user-friendly as possible and again, we'd certainly like to have your comments as well!



<http://www.epa.gov/oar>

## Remember the AIRS PC GUI Front-end Project?

by *Chuck Isbell*

Remember the PC Windows GUI demo/pilot we presented at the AIRS Conference in Boston? Remember all those drop down menus, push buttons, radio buttons, pointing and clicking, pretty colors.....if you don't, that's ok because the project has been, lets say, transformed into another project (i.e., AIRS Modernization).



In last summer's AIRSLetter I indicated two major things that needed to happen to make the AIRS PC Windows front-end a reality. First, vendor software (such as Mozart which was used for our pilot) had to be purchased. Second, the Information Management Group (IMG), must receive additional funding to develop the PC GUI software. You're probably thinking that in these times of "exorbitant" budget cuts we never received the funding. That's not the case. John Seitz, director of OAQPS, and a strong supporter of the project, was able to find the dollars. While we were attempting to purchase vendor software that could be used to GUI-fy AIRS, we decided to modernize the AQS Subsystem. It was further decided to use the dollars for the GUI project to help fund the modernization project.

The next generation of AIRS which will use client server architecture on a Windows (client) platform using an Oracle relational data base (server) and will be totally GUI-fied! (See Andrea's

articles [AIRS Re-engineering](#) and [AQS Re-engineering Project](#) in this issue.)

**Continued From "Remember the AIRS PC GUI Front-end Project?" (Page 3)**

IMG will continue looking for new technology that will provide more user-friendly access to AIRS, perhaps through new vendor software that can be used with a World Wide Web (WWW) browser on the Internet to emulate a 3270 terminal on the mainframe by dynamically translating 3270 data streams to HTML (Hyper Text Markup Language) and vice versa. We'll keep our eyes open, but you let us know of opportunities that we may miss.

## Change in AQS, GCS, AIRSG HELPLINE Phone Numbers

by [Bonnie Johnson](#)



As you may have already encountered, the AIRS Helpline numbers have changed. All AQS, GCS, AIRS Graphics, and AIRS Exec Helpline calls should be made through the EPA/NCC Customer Call Center Voice Response Unit at **1-800-334-2405 x422** or **(919) 541-7862**. This change helps us save resources without sacrificing user support and means you only need to remember one phone number for all AIRS support! Those of you familiar with this system know that it is a multi-layer menu system and that if you know the option, you can speed through the menu. With that in mind, you may wish to make a note of these key sequences:

For most of AIRS Support (AQS, AIRS Graphics, AIRS Exec, and Geo-Com), press [any key], 4, 2, 2.

Here's what's happening behind the scenes when you press these keys:

[any key]: lets the system know you have a touch tone phone,

4: For Application and data base support.

2: For AIRS Support

2: For non-AFS AIRS Support

The AIRS option is available on the NCC Customer Call Center menu. AIRS Helpline calls through the NCC system will be automatically routed to the **same** personnel currently handling AIRS user support. If you have any questions about the new AIRS Helpline number, please call Bonnie Johnson at (919) 541-2469.

## SYSD Replaced by NSPF

by [Jonathan Miller](#)

In January, the National Computer Center (NCC) replaced SYSD with NSPF. Many people were unaware that this change was going to occur and were confused with the new program. There are a couple of known bugs (such as the inability to route jobs to a printer), but the same functions that were available with SYSD should be available with NSPF.

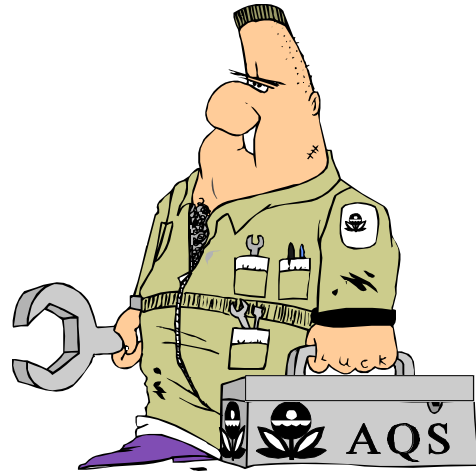
If you are have problems, make a few calls to NCC User Support to clarify how to access certain functions in NSPF. I guess the moral to the story is "If at first you don't succeed, call NCC!" Although I do enjoy talking to everyone, NSPF is far from my forte. I strongly recommend calling NCC at 1-800-334-2405 and talk to an IBM Mainframe specialist.

# AQS News

## AQS Re-Engineering Project

by [Andrea Kelsey](#)

As you probably know, if you just read the AIRS Re-engineering article, a project has been initiated in OAQPS/ITPID/IMG to re-engineer the Air Quality Subsystem (AQS). We are very excited with the opportunity to design and develop a new subsystem which will use the new technologies that are available for information systems today. It is expected that this new subsystem will use graphical user interfaces on desk top PC's linking to the data base on a central server via Internet. With the availability of the new end-user tools for browsing and the development of reports, we are hoping that the development process will be faster and less expensive. We are also hopeful that less custom software development will be needed due to the availability of these end-user tools to meet ad-hoc reporting needs.



An AQS Re-engineering Team has been formed within OAQPS, with me as the team leader, to manage this project. This team contains members from multiple divisions and a representative from the Enterprise Technology Services Division (formerly NDPD). An important concept to note is that this project is not merely to take AQS as it is and migrate it to the new technology. This project is to really re-engineer the subsystem, which means looking at the whole subsystem and its processes, data, functions and scope to determine what this new subsystem should be and do. Therefore, it is critical to have the involvement of the various end users in this re-engineering process.

In order to successfully involve end-users, we are planning some activities to obtain their input. First, we are working with STAPPA/ALAPCO to obtain their input on determining the best way to acquire State and Local Agency input, such as the dissemination of an AQS Re-engineering Questionnaire. Second, we are tentatively planning to hold an AQS Re-engineering Requirements/Design Workshop sometime around mid-May in RTP, NC. (Additional information will be provided on this meeting shortly. We strongly encourage interested persons to attend!) Third, we will be forming an advisory group for the duration of this project. This group will consist of representatives of the various classifications of users, such as Regional Offices, State and Local Agencies, private industry, environmental groups, etc. In addition to these activities, the team is currently addressing a communication strategy to keep end users informed as the project progresses.

In summary, this is an important project that must be re-engineered with input not only from EPA program offices, but from the agencies who report the data and those who use the data from various government and private organizations. Therefore, if you are interested in this new subsystem, we encourage your active participation in this project. Please contact me if you have any questions.



## SO<sub>2</sub> NAAQS Standard to Change

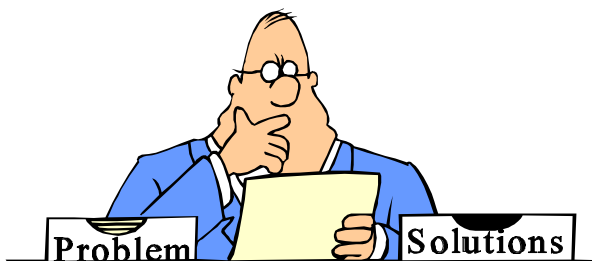
by Jonathan Miller

Beginning in June of 1996, the standard unit for the collection of SO<sub>2</sub> data in AQS will be changed from Micrograms per Cubic Meter (AIRS unit code of "001") to Parts Per Million (AIRS unit code of "007"). Please keep in mind that this **does not** affect the way that you report your data to AQS. The only change you need to be aware of is that all the summary information for SO<sub>2</sub> will be expressed in terms of Parts Per Million rather than in Micrograms per Cubic Meter. This change applies to all SO<sub>2</sub> data stored in AQS (1 hour & maximum 5-minute data). The raw data will continued to be stored in the unit that was reported. If you have any questions concerning this, please call me.

## Questions Surround the Reporting of TNMOC or TNMHC for the PAMS Program

by Jonathan Miller

There has been some confusion as to what is meant by the reporting of Total Non-Methane Organic Compounds (TNMOC) to AIRS as required by the Photochemical Assessment Monitoring System (PAMS) program. Many people found it a little strange that a total of all organic compounds needed to be reported whenever the PAMS program is based on primarily on hydrocarbon data.



An investigation was conducted by the monitoring work group of the PAMS Team. The work group is **proposing** that the compound name description of parameter 43102 (currently "Total Non-Methane Organic Compounds") be changed to read "Sum of Target Hydrocarbon Species". Additionally, a new parameter code would be added to store the "Total Non-Methane Organic Compounds". This is not a solution that is supported by the PAMS data management work group or IMG. Alternate recommendations are being supplied to the monitoring work group for consideration. I'll keep you informed of what is going on with this..

If you would like to comment on this issue, please send your comments to me. My e-mail address is "Miller.Jonathan@epamail.epa.gov".

# AFS News

## AFS Batch Update Improvement Task

by *Chuck Isbell*

Even though we have experienced some significant problems due to the government shutdown and shortage of funding, the AFS Batch Update Development Team continues to work diligently to develop and test the new batch update system. The new batch update system is now scheduled for production around the end of July 1996.



Permit me to refresh your memory on several milestones that have already been met: (1) the User Requirements Analysis (URA) has been placed on the AIRS TTN Bulletin Board, (2) a special AFS Edit Workgroup (chaired by Jake Summers) reviewed the current AFS edits and recommended changes that will be incorporated into both the new batch update code as well as the existing online update code, and (3) a subgroup was formed from the existing (larger) AFS Batch Update Workgroup (chaired by Betsy Metcalf, Region 6). This subgroup assisted the AFS Batch Update Development team in designing the batch edit/update post processing reports, the user input and submittal screens, and with the special design issues such as online utilities and user notification.

Meanwhile back at the ranch.....while our Lockheed-Martin contractors have been developing the new batch update system, our TRC contractors have been busy enhancing the AFP646 Critical Data Element Report and the Compare Preprocessor. The new batch design does not include the critical data element report as part of the batch post processing report, as is currently the case. Users will be required to run their own AFP646 reports as they do for other fixed format reports. However, we recognized that AFP646 was very inefficient and needed to be "fixed" before asking our users to run their own AFP646 Critical Data Element Reports. The "new-and-improved" AFP646 is in production now, so take it out for a test drive. You will notice that it not only goes much-much faster, but it also allows retrievals of point level critical data elements.

The Compare Preprocessor is being enhanced to (1) accept the new expanded AFX transaction formats, (2) accept compliance AFS format transactions as it currently does for emission transactions, (3) provide neck-down delete capability for emissions data, and (4) create a stand alone file to be used for EDIT and UPDATE. The Compare Preprocessor enhancement is scheduled to go into production along with the new batch update software in July.

The new AFX transaction formats are an expanded format designed to accept the 15 character AFS Plant-ID, and a 5-character stack, point, and segment ID. The expanded stack, point, and segment ids anticipate a "future" mod to AFS to expand existing key field sizes. Only those States that have been through the AFS Direct Data Merge will be able to take advantage of the new AFX transaction formats.

Now that I have told you about the new (optional) AFX transaction format that will be available, I should remind you that the **old NEDS and CDS** transaction formats will no longer be supported once the new batch update goes into production. (See my article "Discontinuing NEDS & CDS Formats.")

**Continued From "AFS Batch Update Improvement Task " (Page 7)**

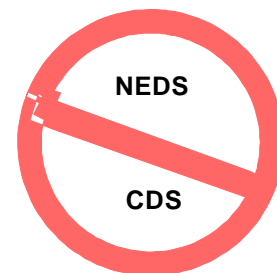
The new batch edit and update software being developed will allow emission users to increment the year-of-record without carrying forward the emissions data (i.e., neck-down delete). Currently, users have two options for carrying forward emissions data: (1) all emissions data (both annual and SIP) or (2) only annual inventory data. A third option, "no emissions data," will be added. Choosing this option will result in a neck-down delete. All three year-of-record increment options will be available on the EDIT, UPDATE, and COMPARE submittal screens.

Training on the new batch update software will be offered before the new batch goes into production. In lieu of being able to provide onsite training, the current plan is to provide a half-day one-on-one region/state training via conference phone. Training materials will be distributed prior to the training session. The training will be geared to those users already experienced in using the existing AFS batch update. Hands-on exercises will be made available in the NATQ training environment.

## Discontinuing NEDS & CDS Formats

by [Chuck Isbell](#)

As I mentioned in my previous article, "AFS Batch Update Improvement Task," the old NEDS and CDS batch transaction formats will be discontinued once the new batch update software goes into production in July. The old NEDS and CDS batch transaction formats will be missed by some of us nostalgic's. After all.....those formats have been around since the old National Emission Data System (NEDS) and the Compliance Data System (CDS) were developed in the '70s.



The old NEDS and CDS formats are obsolete since they do not provide for many of the data elements being reported to AFS today. To reduce cost, the decision was made not to support the old NEDS and CDS transaction formats in the new AFS batch update software. This issue was discussed with the batch users at the '94 AIRS Conference in Boston, and they agreed with our approach. This subject is addressed in more detail in Ed Lillis' memorandum "**Discontinued Use of NEDS and CDS in AIRS**" dated August 2, 1995. A copy of this memorandum can be found on the AIRS TTN bulletin board and within the mainframe data set 'AIRA.NADB.MESSAGE(AFSTELL)'. Please let me know ASAP if you will need special assistance in reporting your data once the new batch update software goes into production.

## Recent Software Enhancements

by [Jake Summers](#)

Several major software enhancements that have been discussed in previous AIRSLetter articles were implemented in the production data base during the weekend of December 9, 1995. These enhancements impacted both compliance and emission users and represent major improvements. To better inform the user about these system changes before implementation, user notification memos were made available on the AIRS Bulletin Board on the TTN and in the TSO data set "AIRA.NADB.MESSAGE(AFSTELL)." Also, users were notified on the AFS Mail screen as they sign on to AFS.

The major enhancements implemented include: (1) maximum achievable control technology (MACT) basic system modification, (2) new source performance standards (NSPS) and national emission standards for hazardous air pollutants (NESHAP) Subpart tracking capability, (3) new processing for "State Sensitive" previously "Confidential" data in AFS, and Continued from "Recent Software Enhancements" (Page 8): (4) the improved Critical Data Element Report. The first two enhancements required modifying the



batch transaction formats. These batch transaction modifications are also available on the TTN or the TSO data set.

The MACT basic system modification is discussed in more detail in this edition by Lillian Bradley and previously in the Summer '95 AIRSLetter. This enhancement added several additional data fields for data specific to MACT and a new report to rank sources for case-by-case determinations.

The NSPS and NESHAP subpart tracking capability is discussed in this edition by Mark Antell and was discussed in the Fall '95 AIRSLetter. This enhancement added fields at the plant and point level to store the specific subparts that apply to the source. Several reports were modified to list the information.

The new processing for "State Sensitive" data in AFS removed the word "Confidential" from all system processing and changed the policy on availability of that emissions data. The emissions data previously classified as "Confidential" is now "State Sensitive", and compliance data previously classified as "Confidential" is now "Enforcement Sensitive". Now, only State and local users have access to update or retrieve "State Sensitive" emission data elements. No change was made for the access for "Enforcement Sensitive" data elements. The user profile for all other users was changed to remove access to these data elements flagged as "State Sensitive".

The Critical Data Element Report was improved to run faster and to provide additional selection and reporting capabilities. This improved report will replace the same report currently created as part of the batch update. The batch update article by Chuck Isbell in this edition provides additional information on the new update process.

Please contact me if you have any questions on any of these enhancements.

## MACT Enhancements to AFS

by [Lillian Bradley](#)

The basic enhancements to support case-by-case MACT determinations and standard setting were implemented the weekend of December 9, 1995. These basic modifications allow for the data entry, storage and retrieval of specific data for MACT determinations. The enhancement includes a MACT flag in order to identify those facilities which have undergone a case-by-case MACT determination, various fields to document the basis for the emissions estimates and the number of sources in a source category. Also, modifications were made to the bubble-up calculations for several emission types. The fixed format ranking report is scheduled to be in production by April.

Other aspects of the MACT project include: user friendly enhancements, data and training requirements, and possible internet access.

### **USER FRIENDLY ENHANCEMENTS:**

Additional enhancements have been identified that would assist users in the ease of data entry and in browsing the data for analysis. Recently we began working on two user friendly enhancements to the AFS;

1. ENHANCED BROWSE. Browse is being enhanced to support browsing multiple facilities. This multi-facility browse will allow users to browse total plant HAP emissions at the

**Continued from "MACT Enhancements to AFS" (Page 9):**

plant, stack, point and segment levels for more than one facility as specified geographically. This capability will also provide information about MACT determinations performed for every facility that

meets the user's selection criteria.

2. ENHANCED FIELD DISPLAY ON SEGMENT SCREENS. The update segment general screen is being modified to display the standard annual fuel process rate units when an SCC code is entered or selected by using field level help.

Other user friendly enhancements have been identified and will be implemented as funding allows.

#### **DATA AND TRAINING REQUIREMENTS:**

In order for the MACT project to be successful, a sufficient amount of HAP data must be included in AFS. The HAP emission data along with the software are what make the system work. Therefore, with some systems modifications completed and others underway, we turn our focus to populating AFS with HAP data and to training needs. It is necessary for a representative amount of data to be in AFS in order to make the system useful and the system generated MACT calculations credible.

ESD AND IMG are in the process of defining a national data and training strategy. Regional offices will be contacted and asked to define the status of state emission data inventories and facility data. We need to know whether or not the data is automated and it's compatibility with AIRS. This will assist us in determining the approach to take in working with Regional offices in order to get users trained and data into the system. Again, users are encouraged to assemble their data and begin to populate the AFS with air toxic data.

#### **POSSIBLE INTERNET ACCESS:**

IMG is in the process of determining the need to make MACT data available via the AIRS Home Page. If you have any questions or suggestions, please contact me or Jake Summers.

#### **OTHER:**

All AIRS case-by-case MACT enhancement related documents can be downloaded from the TTN bulletin board. The MACT user manual and PC demo are currently being updated and should be available shortly.

## **The MACT Program and Project**

*by Susan Fairchild-Zapata*

The concept of the MACT Database originated out of State and Territorial Air Pollution Program Administrators / Association of Local Air Pollution Control Officials (STAPPA/ALAPCO) initiative to meet States upcoming needs for case-by-case MACT determinations under sections 112(g) and (j) of the Clean Air Act. The goal of this project was to enable all States to store, manipulate, and retrieve data on similar sources as they are defined by Section 112, and, using the database, to be able to arrive at equivalent MACT determinations across the country.

States data systems have not been designed to be compatible with each other; therefore, one of the fundamental characteristics of the database was that it had to be accessible to all States so that information could be shared.

The Emission Standards Division (ESD) decided to use the Aerometric Information Retrieval System (AIRS) / AIRS Facility Subsystem (AIRS/AFS) to house the MACT database because it currently contains most of the data fields we believe are needed for case-by-case

**Continued from "MACT Program and Project" (Page 10):**

MACT determinations. Emissions fields for all the facility, processes, and pollutants that ESD requests in the ICR form also exist in AIRS/AFS except the capture device field. One

data field that ESD uses but that is not generally a part of the generic ICR form is actual uncontrolled emissions, which will be useful for potential-to-emit work. AIRS/AFS is also the data system that will be used to support the Title V Operating Permit System, and as such, we believe it is the most logical choice for the MACT database since 112(g) and (j) case-by-case MACT determinations must be reflected in the permit.

AIRS/AFS can currently be used for storing, assimilating, and displaying available source category information. A great amount of criteria pollutant data is available, but this should be used with great care as a surrogate, since the behavior of toxic particulate and organic species differ in varying degrees from their criteria counterparts. Since many source categories were not well defined in the existing SCC codes, ESD assigned SCC codes to section 112 source category and sub-category processes that may be subject to case-by-case MACT determinations. The MACT database is in the final implementation stages now.

The user is responsible for investigation of the retrieved information through the bibliography, control efficiency estimation methods and emissions estimate methods to help determine the level of confidence in the data. The user is able to flag facilities that have undergone a case-by-case MACT determination, and retrieve a user-defined County, State, Regional or National list of such facilities. Users can query the system before determining MACT to see if it has already been determined for a source category, and, if that determination is "old", to re-determine MACT based on more current data.

The user must understand the limitations of the system as designed: no risk analyses or modeling for MACT will be performed as currently envisioned. Cost analyses likewise are out of the scope of this project. Although the user may be able to get some valuable information on pollution prevention measures used at facilities, the pollution prevention program as a whole is not part of this program. The database is NOT intended to produce a final MACT floor control efficiency and technology to be incorporated electronically into the permit. Users will be responsible for doing their "homework" in this program to intelligently and realistically evaluate the data to determine MACT on a case-by-case basis.

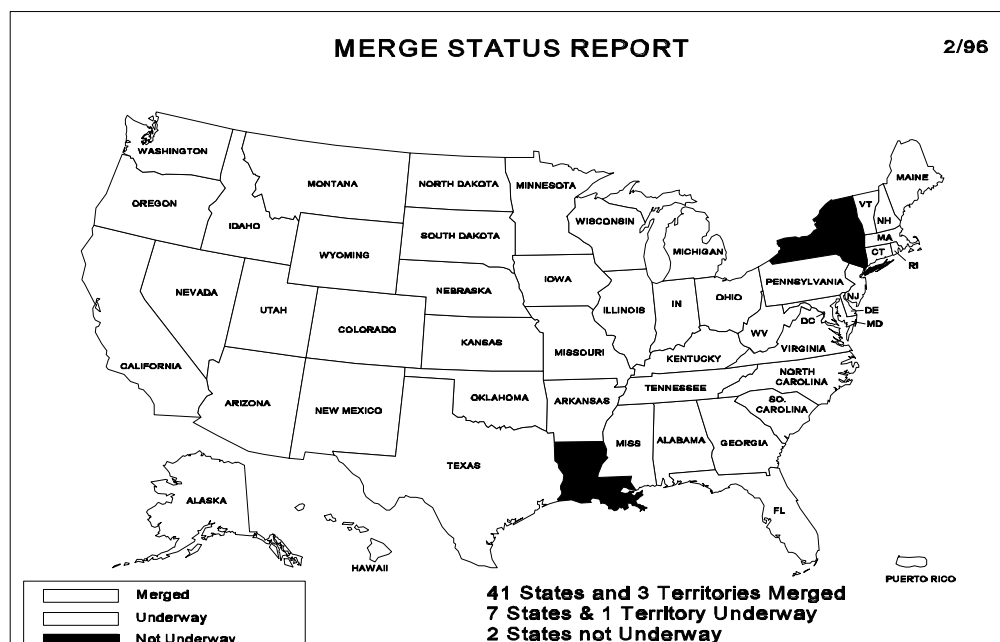
Now, although the future of 112(g) is uncertain, States are finding the need to exchange information to support case-by-case MACT under 112(j) and control technology determinations are becoming more frequent, especially as this relates to including the determination, emission limits and operating parameters in facility's Title V operating permits.

Since the reorganization of the Office of Air Quality Planning and Standards in December of 1994, the majority of the MACT Database project has been under the authority of the Information Transfer and Program Implementation Division (ITPID). However, guidance on making MACT determinations from the data and reports retrieved from the database is being written by Susan Fairchild-Zapata of the Emission Standards Division with contractor support by Jeff Colburn of TRC.

Guidance documents are available on the OAQPS TTN Bulletin Board. Users can access documents about AIRS by hitting <J> when they get into the Gateway to Technical Information. It is recommended that State and local agency persons responsible for the case-by-case MACT programs review the documents on the bulletin board. Program implementation guidance for States, locals and USEPA Regional Offices is planned to be completed this year.

**Continued from "MACT Program and Project" (Page 10-11):**

**UPGRADES:** Significant portions of the project were completed during 1994 and 1995:



## Title V Comes Of Age

By Leo Stander, ITPID

Since January 1995, the Title V program has been the subject of Congressional hearings and debate. Efforts to delete or modify requirements and extend deadlines were considered by Congress as were efforts to withhold funding from the development and implementation of a Federal Operating Permit program. No changes in legislation resulted from these efforts over the past 12 months, and none are expected this year. In fact, the permitting regulations, 40 CFR Part 70, have not changed since being promulgated in 1992. However, revisions have been proposed to clarify our intentions and streamline implementation. Guidance documents have also been published to assist State and local authorities in meeting the various requirements.

As a result, all 116 State and local permitting authorities have submitted operating permit programs under the Title V program for EPA review and approval. Approvals for 34 State and 50 local programs have been published in the Federal Register. Proposals to approve have been published for an additional 11 State and 8 local programs. This means that 80% of the State programs and 97% of the local programs have either had their programs approved or proposed for approval in the Federal Register. Only one State's program was disapproved. Nearly all programs are expected to be approved by the end of this summer. Approved programs are already having applications for permits submitted to them and have issued their first operating permits.

Where no permitting authority exists, the Clean Air Act requires the implementation of a Federal operating permits program. The Federal Operating Permits Program, 40 CFR 71, has been proposed and is expected to be promulgated in the spring.

Because State implementation has only begun, it is hard to determine whether the operating permit program is, as some have said, "the linchpin of the Clean Air Act stationary source implementation program," or, as others have said, "a prime example of an overbearing bureaucracy that is running amok," or both.

## Federally Required Title V Permit Data

by [Bill Frietsche](#)

Headquarters has started looking for the required Title V data (Permit Program Data Elements or PPDEs) in AFS now that permits are scheduled for issuance in some of the states with the earlier program approvals. Regional calls are being held to discuss the status of implementation and the data management process, to see why not much data has been reported yet. The initial answer we received from a few Regions is that permits are in fact not yet issued. We will be continuing with this effort to get a better handle on where States are, and perhaps be able to help with issues in the data management arena. If you want more information about the PPDEs, call me at (919) 541-5451.

## AFS Contractor Transition

by [Chuck Isbell](#)

You may recall from the last AIRSLetter that we were planning to transition AFS contractor support from TRC to Lockheed Martin in two phases. First, we were planning to transition user support functions, such as Helpline support, and system operations in conjunction with the implementation of the new batch update software. The target date for this transition was January 1996. Finally, we were planning to transition all AFS support functions, including Continued from "AFS Contractor Transition" (Page 13):



software development and maintenance to Lockheed Martin by the end of FY'96.

Well.....due to funding uncertainties and other timing issues beyond our control, we have decided not to transition AFS support from TRC to Lockheed Martin. TRC will continue to support the AFS Helpline, run the nightly update, and perform software maintenance and development. Lockheed Martin will continue in their current capacity until the new batch update system goes into production.

You may also recall once the transition occurred, the current AFS Helpline number (1-800-367-1044) in TRC's office would be discontinued and AFS users would begin accessing AFS User Support through the NCC Customer Call Center's Voice Response Unit Helpline (1-800-334-2405). **Note.....the AFS Helpline number(1-800-367-1044) in TRC's office will continue to be supported.** As a result, users now have the added benefit of being able to reach the AFS Helpline by calling the NCC Customer Call Center's Voice Response Unit (VRU) Helpline (1-800-334-2405). The NCC VRU Helpline now supports all of AIRS (only one Helpline number to remember!). Those of you familiar with this system know that it is a multi-layer menu system and if you know the options, you can speed through the menu. To get AFS User Support, dial 1-800-334-2405. Once you get the voice menu press [any key], 4, 2, 1. Your call will be automatically transferred to the Helpline folks at TRC.

## Assistance For Subpart Tracking In AFS

by [Mark Antell](#)

AFS has now been upgraded, allowing you to track up to nine specific CFR subparts under NSPS, NESHAP, and MACT/NESHAP air programs at both the plant and point level, for which facilities are regulated. This capability has several valuable uses, which will make the job of the compliance and enforcement communities easier.

For example, identification of CFR subparts allows inspectors to focus on a specific universe of sources with similar inspection requirements. They can now use AFS to identify what plants could be inspected as a group, making the best use of time and equipment.

Permitting agencies will also want to take advantage of the fact that when reviewing applications for permits, they will know exactly what parts of the CFR to review, to cross check the application for completeness. Having the exact applicable subparts in hand will also make the writing of permits easier.

Anyone responsible for identifying what sources are subject to specific MACT standards will now be able to do that easier, by retrieving data from sources with the given subpart code.

Agencies responsible for responding to Freedom of Information Act (FOIA) requests will be able to simplify many requests, by focusing on given CFR subparts as well. For example, a request for a listing of facilities that require the use of degreasers could be done by focusing report selection on the MACT CFR subparts that deal with that subject.

There are probably a dozen other imaginative ways this new capability will be used, which currently are not readily apparent. But the usefulness of the data retrieved is totally dependant on the amount and correctness of data reported.

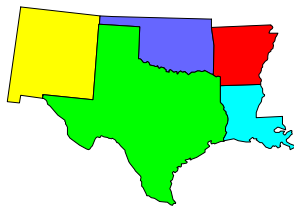
Now comes the task of data transferral from what ever elements (or shoe boxes) they are currently housed it in. If your agency is unable to perform the task, but would like to take advantage of these useful new elements, some contractor assistance may be available. If you **Continued from "Assistance For Subpart Tracking" (Page 14):** are interested, contact your Regional

AFS compliance manager. They will discuss your needs with you, and aid headquarters in prioritizing and scheduling, to make the most of available assistance.

## Public AFS Data Available via Internet - The Envirofacts Project

by Lillian Bradley

ENVIROFACTS is a relational database which has been implemented under Oracle. It currently contains five of the Agency's national programs (Toxic Release Inventory, Superfund Hazardous Waste Information System, RCRA Hazardous Waste Information, Water Permit Compliance System, and the Agency's Facility Index System). In its continuing effort to provide one-stop electronic access to EPA's national databases, the OIRM ENVIROFACTS team is in the process of completing its project to make public data contained in AFS available via the INTERNET. It is expected that the data will be fully loaded and tested by the end of March. A graphical user interface called GATEWAY has also been developed to access ENVIROFACTS. At this time however, the GATEWAY interface is available for internal EPA use only, and is in the process of being made available to Regions and Headquarters offices. Complete ENVIROFACTS documentation, inclusive of Query Pages designed for public access to ENVIROFACTS on the INTERNET, is provided via the ENVIROFACTS Home Page which can be found at URL [http://www.epa.gov/enviro/html/ef\\_home.html](http://www.epa.gov/enviro/html/ef_home.html). The ENVIROFACTS Home Page can also be located from the EPA Home Page (<http://www.epa.gov>) via the EPA Data Systems sub-category.



## Region 6 News

by Betsy Metcalf

### LA Team Award for AFS Meeting in Region 6:

Annually, the Region 6 AIRS Data Managers Conference and the associated training is held in Dallas. In FY95, it was suggested that the conference be held in other states of the region. Louisiana was the first choice to host the conference outside of Dallas. The staff of the Louisiana Enforcement Section hosted the conference held in Baton Rouge on May 1-4, 1995 a tremendous success, and earned the Department recognition at the state and national level. Members of the team from the Office of Air Quality and Radiation Protection were: B. J. Pritchard, Mary Holmes, Sonya Hargrave, Paige McCown, Marilyn Furlong, Madonna Comeaux, Terry Pettigrew, Wendy Pullen, Eddie Voisin, and Darlene Doshier-Collard.

### Region 6 Annual Data Managers Conference:

Region 6 will be holding a data managers conference during September, 1996. Exact dates and places have not been determined. The annual conference covers new data initiatives from the Information Management Group (IMG) in North Carolina, and the Office of Enforcement and Compliance Assurance (OECA) in Washington. Additionally, workshops on Operating Permit data entry and data utilization and MACT case-by-case determinations will be held.

### National AFS Batch Users Group:

This group, dedicated to improving the batch transfer process, met last via teleconference in October 1995. The group is anxiously awaiting the loading of the new batch enhancements. Although the group is not dead, it is requested that all participants indicate their interest in continuing the group. Please contact Betsy Metcalf at (214) 665-7272 or at [RTPMAINHUB.INTERNET](mailto:RTPMAINHUB.INTERNET) ("METCALF.BETSY@EPAMAIL.EPA.GOV") and advise if another teleconference should be scheduled for April.

## Regional Workshops Held

by *Bill Frietsche*

We thought you would like to know about a couple of Regional AFS workshops being held this year. These are workshops put on by Regional Offices, primarily for the States in the Region, but also available for other States and Regional personnel who may be interested in attending. Since the national AIRS conference is canceled this year due to budget uncertainties, you may be able to join in one of the following Regional workshops/conferences.

**RO III AFS Workshop -Betty Harris**

Tentative date of July 25-26, 1996 (Thurs./Friday).

Tentative place - Harrisburg, Pennsylvania, (with Philadelphia the second choice).

Proposed topics are:

- Title V (permit tracking in AIRS),
- enhancements to AFS,
- batch processing,
- identifying SVILs in AFS,
- MACT source tracking in AFS,
- CEM & emission hands-on training.

In FY'96, Region III will hold its fourth AIRS Workshop. Last year, 32 people attended including contractors, IMG folks, and Headquarters. States PADER and West Virginia made informative presentations at the third workshop. PADER presented the simplification of using the action type table in AFS and West Virginia presented their tracking of Title V sources.

**RO IX Conference - Linda Barajas**

**Tentative date** - April or May. The conference will be 3 days (Tuesday, Wednesday, and Thursday).

**Place** -Region IX

The conference will consist of AFS, AQS, Permits, MACT, Significant Violators, AIRS Graphics, and the IDEA database. There will be presentations, discussions, and ½ day workshops ( hands on computer training) for each of the groups.

# CONTACTS

**Information Management Group**  
USEPA/OAQPS/ITPID (MD-12)  
Research Triangle Park, NC 27711

Ed Lillis, Group Leader  
(919) 541-5587  
Lillis.Ed@epamail.epa.gov

---

---

## General AIRS Information:

**NCC User Support:** 1-800-334-2405

**AIRS User Support:**  
AQS, GCS, AIRS Graphics, AIRS Exec 1-800-334-2405 x422  
AIRS Facility Subsystem 1-800-367-1044

**User Registration, System Support, Freedom of Information Act Requests:**  
Virginia Ambrose (919) 541-5454 Ambrose.Virginia@epamail.epa.gov

**AIRS TTN Bulletin Board:**  
Michael Hamlin (919) 541-5232 Hamlin.Michael@epamail.epa.gov

**AIRS Graphics, AIRS Executive, AIRS Executive International:**  
Tom Link (919) 541-5456 Link.Tom@epamail.epa.gov

**AIRSLetter Articles & Comments:**  
Jonathan Miller (919) 541-3330 Miller.Jonathan@epamail.epa.gov

---

---

## AQS & Geographic/Common Subsystem:

**User Support, Data Questions, System Design:**  
Jonathan Miller (919) 541-3330 Miller.Jonathan@epamail.epa.gov

**AQS Re-Engineering:**  
Andrea Kelsey (919) 541-5549 Kelsey.Andrea@epamail.epa.gov  
Bonnie Johnson (919) 541-2469 Johnson.Bonnie@epamail.epa.gov

---

---

## AIRS Facility Subsystem

**User Support**  
Jan Kleeman (919) 541-3450 Kleeman.Jan@epamail.epa.gov

**Data Support**  
Mark Antell (Compliance) (202) 564-5003 MRA@epaibm.rtpnc.epa.gov  
Jake Summers (Emissions) (919) 541-5695 Summers.Jake@epamail.epa.gov  
Bill Frietsche (Permits & Merge) (919) 541-5451  
Frietsche.Bill@epamail.epa.gov  
Susan Fairchild-Zapata (MACT) (919) 541-5167  
Zapata.Susan@epamail.epa.gov

**System Design**  
Chuck Isbell (919) 541-5448 Isbell.Chuck@epamail.epa.gov  
Jerry Husketh (919) 541-5449 Husketh.Jerry@epamail.epa.gov  
Lillian Bradley (MACT) (919) 541-5694 Bradley.Lillian@epamail.epa.gov

---

---

(205) 553-1702

## **AQS Regional Contacts**

Ms. Wendy McDougall  
USEPA Region I  
60 Westview Street  
Lexington, MA 02173  
(617) 860-4323

Mr. Ed Finfer  
US EPA Region II  
290 Broadway - 20th Floor  
New York, NY 10007-1866  
(212) 637-4244

Mr. Ted Erdman  
US EPA Region III  
841 Chestnut Street  
Philadelphia, PA 19107  
(215) 597-6149

Mr. Darren Palmer  
US EPA Region IV  
345 Courtland St., NE  
Atlanta, GA 30365  
(404) 347-3555

Mr. Wil Damico  
US EPA Region V (SQ-14J)  
77 W. Jackson Boulevard  
Chicago, IL 60604-3590  
(312) 353-8207

Ms. Ruth Tatom  
US EPA Region VI  
1445 Ross Avenue  
Dallas, TX 75202-2733  
(214) 665-8355

Ms. Joyce Sousley  
US EPA Region VII  
25 Funston Road  
Kansas City, KS 66115  
(913) 551-5050

Mr. Dale Wells  
US EPA Region VIII (8ART-TO)  
999 18th Street, Suite 500  
Denver, CO 80202-2405  
(303) 293-0967

Mr. Jim Forrest  
US EPA Region IX  
75 Hawthorne Street  
San Francisco, CA 94105  
(415) 744-1291

Mr. Bill Puckett  
US EPA Region X (ES-097)  
1200 6th Ave  
Seattle, WA 98101

### **Region 1**

#### **Connecticut**

Mr. Vic Yanosey  
Dept of Environmental Protection  
Air Compliance  
79 Elm Street  
Hartford, CT 06106-5127  
(203) 424-3503

#### **Maine**

Mr. Leighton Carver  
ME Dept of Environmental Prot.  
State House Station 17  
Augusta, ME 04333  
(207) 289-2437

#### **Massachusetts**

Mr. John Lane  
Dept of Environ Protection  
Lawrence Experiment Station  
37 Shattuck Street  
Lawrence, MA 01843  
(508) 975-1138

#### **New Hampshire**

Mr. Paul Sanborn  
NH Dept of Environmental Service  
Air Resources Division  
64 North Main Street  
Concord, NH 03302-2033  
(603) 271-1387

#### **Rhode Island**

Mr. John Cucco  
RI Dept. of Environ Mgmt.  
50 Ormes Street  
Providence, RI 02904  
(401) 277-3406

#### **Vermont**

Mr. Greg Heil  
Air Pollution Control Division  
Agency of Environ Conservation  
103 S. Main Street, Bldg. 3 South  
Waterbury, VT 05676  
(802) 244-8731

### **Region 2**

#### **New Jersey**

Mr. Andy Mikula  
NJ Dept. of Environ. Protection  
Division of Environmental Qual  
401 E. State Street  
Trenton, NJ 08625-0027  
(609) 984-5512

#### **New York**

Mr. William Delaware



NY Dept. of Environ. Conser  
Division of Air Resources  
50 Wolf Road  
Albany, NY 12233-3259  
(518) 457-3200

**Region 2 (Continued)**

**Puerto Rico**

Ms. Evelyn Rodriguez  
Air Quality Program  
PR Environmental Quality Board  
PO Box 11488  
Santurce, PR 00910  
(809) 767-8025

**Region 3**

**Delaware**

Mr. Joe Gagliardino  
DE Dept. of Natural Resources and Env. Control  
715 Grantham Lane  
New Castle, DE 19720  
(302) 323-4542

**District of Columbia**

Mr. Robert Day  
Dept. of Consumer & Reg. Affairs  
2100 Martin Luther King Blvd, SE  
Washington, DC 20020  
(202) 404-1180

**Maryland**

Mr. Ed Gluth  
MD Dept of the Environment - Air Mgmt Administration  
2500 Broening Highway  
Baltimore, MD 21224  
(410) 631-3871

**Pennsylvania**

Mr. Jeff Miller  
PA Dept of Environmental Res.  
PO BOX 8468 (MSSOB 12)  
2nd and Chestnut Streets  
Harrisburg, PA 17105-8468  
(717) 787-6548

**Pennsylvania (Local)**

Mr. Bill Miller  
Philadelphia Air Mgmt Services  
1501 E. Lycoming Street  
Philadelphia, PA 19124  
(215) 288-5177

**Pennsylvania (Local)**

Mr. Ron Savukas  
Alleghany County Health Dept  
Air Quality Monitoring Division  
301 39th Street  
Pittsburgh, PA 15201  
(412) 578-8140

**Virginia**

Ms. Crystal Sorensen

VA Dept of Environ Quality  
Air Monitoring Division  
5324 Distributor Drive  
Richmond, VA 23225  
(804) 230-7737

**West Virginia**

Mr. Charles Spann  
WV Air Pollution Control Commiss  
1558 Washington Street, East  
Charleston, WV 25311  
(304) 558-4022

**Region 4**

**Alabama**

Mr. Tom Mac  
AL Dept of Environ Mgmt - Air Division  
1751 Federal Drive  
Montgomery, AL 36130  
(334) 271-7963

**Alabama (Local)**

Ms. Gloria Mims  
City of Huntsville  
305 Church Street  
Huntsville, AL 35801  
(205) 883-3645

**Alabama (Local)**

Mr. Russell Jarrett  
Jefferson County Dept of Health  
1400 Sixth Avenue South  
PO Box 2648  
Birmingham, AL 35202  
(205) 933-9110

**Florida**

Mr. Brian Kerckhoff  
FL Dept of Environ Protection - Mail Station 5510  
2600 Blairstone Road  
Tallahassee, FL 32399-2400  
(904) 488-6140

**Florida (Local)**

Mr. Daniel Dossman  
Broward County Office of Nat Res. Protection - Air Div  
621 S. Andrews Avenue  
Ft. Lauderdale, FL 33301  
(305) 765-4436

**Florida (Local)**

Mr. Tom Taminini  
EPC/Hillsborough County  
1410 N. 21st Street  
Tampa, FL 33605  
(813) 272-5530

**Georgia**

Mr. Kit Redmond  
GA Air Protection Branch  
4244 International Parkway - Suite 120  
Atlanta, GA 30354-3906  
(404) 363-7078

**Kentucky**

Mr. Jerry Suddeth  
KY Division of Air Quality  
803 Shenkel Lane  
Frankfort, KY 40601  
(502) 573-3382

PO Box 10385  
Jackson, MS 39289  
(601) 961-5133

**Region 4 (Continued)**

**North Carolina**

Mr. Wayne Cornelius  
NC Dept of Environ Conservation  
PO Box 29535  
512 N. Salisbury Street  
Raleigh, NC 27626-0535  
(919) 733-1487

**North Carolina (Local)**

Mr. Lewis Weinstock  
Forsyth Co. Environ Affairs Dept  
537 N. Spruce Street  
Winston-Salem, NC 27101  
(919) 727-8091

**South Carolina**

Mr. John Shrenk  
SC Div of Air Quality Analysis  
PO Box 2202  
Columbia, SC 29202-2022  
(803) 935-7096

**Tennessee**

Mr. Billy Pugh  
TN Air Pollution Control - L & C Annex, 9th Floor  
401 Church Street  
Nashville, TN 32743-1531  
(615) 532-0528

**Tennessee (Local)**

Mr. Joe Finucane  
Knox Co Dept of Air Poll Control - City-County  
Building  
400 W. Main Street  
Knoxville, TN 37902  
(615) 521-2488

**Tennessee (Local)**

Mr. Scott Gary  
Chattanooga/Hamilton County Air Poll. Control  
Bureau  
3511 Rossville Boulevard  
Chattanooga, TN 37407  
(615) 867-4321

**Tennessee (Local)**

Mr. George King  
Memphis/Shelby Co Health Dept - Air Pollution  
Division  
814 Jefferson Avenue  
Memphis, TN 38105  
(901) 576-7802

**Mississippi**

Mr. Mike Norcom  
MS Dept of Env. Quality

**Region 5**

**Illinois**

Mr. Bob Swinford  
IL Environmental Protection Agcy  
2200 Churchill  
Springfield, IL 62706  
(217) 785-2096

**Illinois (Local)**

Mr. Vijay Panchal  
Cook County EC  
1500 Maybrook Drive  
Maywood, IL 60153  
(312) 865-6165

**Indiana**

Mr. Steve Lengerich  
IN Office of Air Management  
PO Box 6015  
Indianapolis, IN 46206-6015  
(317) 243-5044

**Indiana (Local)**

Mr. Aaron Childs  
Public Works - Air Pollution Control Division  
2700 S. Belmont  
Indianapolis, IN 46221  
(317) 327-2359

**Michigan**

Ms. Debbie Harren  
MI Dept of Natural Resources - Air Quality Division  
PO Box 30260  
Lansing, MI 48909  
(517) 373-7051

**Michigan (Local)**

Mr. Bob Paulson  
Wayne County Air Pollution Cont  
640 Temple Street, 7th Floor  
Detroit, MI 48201-2558  
(313) 832-5001

**Minnesota**

Mr. Paul Franklin  
MN Pollution Control Agency - Division of Air Quality  
520 Lafayette Road  
St. Paul, MN 55155  
(612) 282-5842

**Ohio**

Mr. Gary Engler  
OH EPA - Division of Air Pollution Contl.  
PO Box 1049

Columbus, OH 43266-0149  
(614) 644-3623

**Wisconsin**

Ms. Shirley Haidinger  
WI Dept of Nat Resources - Bureau of Air  
Management  
PO Box 7921  
Madison, WI 53707-7921  
(608) 266-1552

**Region 6**

**Arkansas**

Ms. Miriam Talbert  
AR Dept of Pollution Control and Ecology  
8001 National Drive  
Little Rock, AR 72209  
(501) 682-0925

**Louisiana**

Mr. T. Sintuphant  
LA Dept of Environmental Quality - Air Quality Division  
3501 Chateau Blvd. (West Wing)  
Kenner, LA 70065-6205  
(504) 471-2851

**New Mexico**

Ms. Josephine Ball  
Air Quality Bureau  
PO Box 26110  
Santa Fe, NM 87502  
(505) 827-0063

**New Mexico (Local)**

Mr. Mike Wehrle  
City of Albuquerque - Air Pollution Control  
PO Box 1293  
Albuquerque, NM 87103  
(505) 768-1978

**Oklahoma**

Mr. Kent Stafford  
OK Dept of Environmental Quality - Air Quality  
Program  
4545 N. Lincoln Boulevard, Sw 250  
Oklahoma City, OK 73105-3483  
(405) 271-1683 x197

**Oklahoma (Local)**

Mr. Ray Bishop  
Tulsa City/County Health Dept  
4616 E. 15th Street  
Tulsa, OK 74112  
(908) 744-1000

**Texas**

Ms. Jo de la Garza  
TX Nat Resources Cons. Comm.  
PO Box 13087  
Austin, TX 78711-3087  
(512) 239-1130

**Region 7**

**Iowa**

Mr. Joseph Griffin  
IA Dept of Natural Resources  
900 E. Grand  
Des Moines, IA 50319  
(515) 281-8911

**Kansas**

Mr. Jim Stewart  
KS Dept of Health and Env  
Forbes Field, Buikding 740  
Topeka, KS 66620  
(913) 926-1556

**Missouri**

Mr. Randy Raymond  
MO Dept of Nat Resources - Air Poll. Control  
Programs  
PO Box 176  
Jefferson City, MO 65102  
(314) 751-4817

**Nebraska**

Ms. Linda McCrory  
NE Dept of Environmental Control  
PO Box 98922  
Lincoln, NE 68509  
(402) 471-4230

**Nebraska (Local)**

Mr. Chester Black  
Omaha Air Quality Control  
5600 S. 10th Street  
Omaha, NE 68107  
(402) 444-6015

**Region 8**

**Colorado**

Mr. Bill Hague  
CO Dept of Health - Air Pollution Control Division  
4300 Cherry Creek Drive South  
Denver, CO 80222-1530  
(303) 692-3230

**Montana**

Ms. Kathy Irish  
Mt Air Quality Bureau - Dept of Health & Env Science  
Cogswell Builking, RM A-116  
Helena, MT 59620  
(406) 444-5269

**North Dakota**

Mr. Dan Harman  
ND Dept of Health & Consol Lab  
1200 Missouri Avenue  
Bismark, ND 58502  
(701) 328-5188

**South Dakota**

Mr. Todd Priebe  
SD Air Quality Program  
523 E. Capital Avenue  
Pierre, SD 57501  
(605) 773-6045

**Utah**

Mr. Art King  
Air Monitoring Center  
261 West 500 South  
Salt Lake City, UT 84101  
(801) 322-9911

**Region 8 (Continued)**

**Wyoming**

Mr. Bob Schick  
WY Dept of Environ. Quality - Herschler Building  
122 W. 25th Street  
Cheyenne, WY 82002  
(307) 777-6182

**Region 9**

**Arizona**

Mr. Jim Guyton  
AZ Dept of Environmental Quality  
3033 N. Central Avenue, 7th Fl.  
Phoenix, AZ 85001-0600  
(602) 207-2364

**Arizona (Local)**

Mr. Don Hopkinson  
Maricopa Cnty Env. Qual. & Community Services  
2406 S. 24th Street, #E-214  
Phoenix, AZ 85034-6822  
(602) 506-6713

**Arizona (Local)**

Ms. Martha Salvato  
Pima County Health Dept - Air Quality Control District  
130 W. Congress Street  
Tuscon, AZ 85701  
(602) 740-3376

**California**

Mr. Bob Maxwell  
CARB- Technical Support Division  
PO Box 2815  
Sacramento, CA 95814  
(916) 322-9336

**California (Local)**

Ms. Jean Timmerman  
San Diego Conty Air Pollution Control disstrict  
9150 Chesapeake Drive  
San Diego, CA 92123-1096  
(619) 694-3343

**California (Local)**

Santa Barbara APCDistrict  
26 Castilion, B-23  
Galeta, CA 93117  
(805) 654-3818

**California (Local)**

Mr. Paul Allen  
San Luis Obispo County Air Poll. Control District  
2156 Sierra Way, Suite B  
San Luis Obisp, CA 93401  
(805) 549-5912

**California (Local)**

Mr. Gary Kendall  
Bay Area AQMD  
939 Ellis Street  
San Francisco, CA 94109  
(415) 749-4932

**California (Local)**

Mr. Tony Malone  
Mojave Desert AQMD  
15428 Civic Drive  
Victorville, CA 92392  
(619) 245-1956

**California (Local)**

Mr. John Fear  
Monterey Bay Unified APCD  
24580 Silver Cloud Court  
Monterey, CA 93940  
(408) 647-9411

**California (Local)**

Mr. Joe Fish  
Northern Sierra AQMD  
PO Box 2509  
Grass Valley, CA 95945  
(916) 274-9360

**California (Local)**

Mr. Jack Beentjes  
Placer County APCD  
11464 B Avenue  
Auburn, CA 95603  
(916) 889-7130

**California (Local)**

Mr. Scott Scheller  
San Joaquin Valley UAPCD  
1999 Tuolumne Street  
Fresno, CA 93721  
(209) 497-1081

**California (Local)**

Ms. Rita Cirulis  
Shasta County AQMD  
1415 West Street  
Redding, CA 96001  
(916) 225-5674

**California (Local)**

Mr. Philip Moyal  
Ventura County APCD

2065-A Sperry Drive  
Ventura, CA 93003-7425  
(805) 662-6953

**California (Local)**

Mr. Thomas Parson  
South Coast AQMD  
2185 E. Copley Drive  
Diamond Bar, CA 91765  
(909) 396-2239

**Region 9 (Continued)**

**Hawaii**

Ms. Terri Shinsato  
HI Dept of Health - Air Surv.  
2725 Weimeno Home Road  
Pearl City, HI 96782  
(808) 453-6625

**Nevada**

Mr. Robert Smith  
NV Bureau of Air Quality - Plan & Tech Serv. Branch  
123 W. Nye Lane  
Carson City, NV 89710  
(702) 687-4670

**Nevada (Local)**

Mr. David Hoch  
Clark County Health District  
625 Shadow Lane  
Las Vegas, NV 89127  
(702) 383-1276

**Nevada (Local)**

Ms. Linda O'Brian  
Washoe County District HD AQMD  
PO Box 11130  
Reno, NV 89520  
(702) 784-7206

**Region 10**

**Alaska**

Mr. Ron King  
AK Dept of Environ Conservation  
PO Box O  
Juneau, AK 99811  
(907) 465-2666

**Alaska (Local)**

Mr. Kent Monroe  
Fairbanks North Star Borough  
PO Box 1267  
Fairbanks, AK 99707  
(907) 459-1321

**Idaho**

Mr. Matthew Stoll  
Division of Env. Qual. - Community Programs Division  
1410 N. Hilton Street  
Boise, ID 83720  
(208) 334-5860

**Oregon**

Mr. Spenser Erickson  
OR Dept of Environmental Quality - Air Quality Division  
811 SW 6th Street  
Portland, OR 97204  
(503) 229-6458

**Washington**

Ms. Joan Villines  
WA Dept. of Ecology - Air Quality Programs  
PO Box 47600  
Olympia, WA 98504-7600  
(360) 407-6839

**Other Agencies**

**USEPA - AREAL**

Ms. Dorothy Filmore  
US EPA - AREAL, MD-56A  
RTP, NC 27711  
(919) 541-2718

**National Park Service**

Mr. David Joseph  
National Park Service - Air  
12795 West Alameda Parkway - Suite 215  
Lakewood, CO 80228  
(303) 969-2816

**Tennessee Valley Authority**

Mr. Steve McDaniel  
Tennessee Valley Authority - EB 3A  
Knoxville, TN 37902  
(615) 632-4224



## **AFS Regional Compliance Contacts**

Mr. Stan Chin  
US EPA, Region I (ATC-2311)  
John F Kennedy Building  
Boston, MA 02203  
(617) 565-1141

Ms. Jim Nyemchek  
US EPA, Region II (2PM-PA) - Air Compliance Branch  
290 Broadway - 21st Floor  
New York, NY 10007-1866  
(212) 264-6819

Ms. Betty Harris  
US EPA, Region III (3AT-13)  
841 Chestnut Street  
Philadelphia, PA 19107  
(215) 597-8324

Mr. Ahmed Amanullah  
US EPA, Region IV  
345 Courtland Street, NE  
Atlanta, GA 30365  
(404) 347-2904

Ms. Debra Flowers  
US EPA, Region V  
ARD, AEB (AE17-J)  
77 W Jackson Boulevard  
Chicago, IL 60604  
(312) 353-4410

Ms. Betsy Metcalf  
US EPA, Region VI (6T-AG)  
1445 Ross Avenue  
Dallas, TX 75202-2733  
(214) 655-7272

Ms. Earlyne Hill  
US EPA, Region VII  
PERM/ARBR/ARTX  
726 Minnesota Avenue  
Kansas City, KS 66101  
(913) 551-7617

Mr. Rich Gomez  
US EPA, Region VIII (8ART-TO)  
999 18th Street, Suite 500  
One Denver Place  
Denver, CO 80202-2405  
(303) 312-6117

Ms. Linda Barajas  
US EPA, Region IX (A-3-1)  
Air & Toxics Div, COS - A31  
75 Hawthorne Street  
San Francisco, CA 94105  
(415) 744-1182

Ms. Laurie Kral  
US EPA, Region X (AT-082)  
1200 Sixth Avenue  
Seattle, WA 98101  
(206) 553-1868

## **AFS State Compliance Contacts**

### **Region 1**

#### **Connecticut**

Mr. Jim Royce  
CT Dept of Env Protection -Bureau of Air  
Management  
79 Elm Street  
Hartford, CT 06106-1630  
(203) 424-3470

#### **Maine**

Mr. Louis Fontaine  
ME Dept of Environ Prot -Bureau of Air Quality  
Control  
State House, Station 17  
Augusta, ME 04333-6017  
(207) 289-2437

#### **Massachusetts**

Mr. Bob Boisselle  
MA Dept of Env Protection - Div of Air Quality Control  
One Winter Street  
Boston, MA 02108-4746  
(617) 292-5593

#### **New Hampshire**

Mr. Jimmy Meyer  
NH Dept of Env Service -Air Resources Division  
64 Main Street, Caller Box 2033  
Concord, NH 03302-3022  
(603) 271-1370

#### **Rhode Island**

Mr. Chris John  
RI Dept of Env Mgmt - Div of Air & Hazardous  
Materials  
291 Promenade Street  
Providence, RI 02908-5767  
(401) 277-2808

#### **Vermont**

Mr. Chris Jones  
VT Agency of Nat Res - Air Pollution Control Division  
103 S Main Street, Bldg 3 South  
Waterbury, VT 05676  
(802) 241-3840

### **Region 2**

#### **New York**

Mr. Gordon Howe  
NY State Dept of Environ Control  
50 Wolf Road  
Albany, NY 12233

#### **New Jersey**

Mr. John Walsh  
NJ Dept of Environ Prot - Div of Environmental Quality  
401 E State Street  
Trenton, NJ 08625

**Region 2 (Continued)**

**Puerto Rico**

Ms. Evelyn Rodriguez  
PR Environmental Quality Board  
PO Box 11488  
Santurce, PR 00910  
(809) 766-1997

**Virgin Islands**

Mr. Juan Perez  
VI Dept of Planning & Resources  
1118 Watertut Homes - Christianstead  
St. Croix, VI 00820-5065  
(809) 773-0565

**Region 3**

**Delaware**

Mr. Edward Jackson  
DE DNR & Environmental Control, AWMD  
715 Grantham Lane  
New Castle, DE 19720  
(302) 323-4542

**District of Columbia**

Mr. Phillip Kingsley  
Dept of Consmr & Reg Affairs - Env Reg Admn,  
ARMD  
2100 M L King Jr Avenue, SE  
Washington, DC 20020  
(202) 404-3368

**Maryland**

Ms. Laramie Daniel  
2500 Broening Highway  
Baltimore, MD 21224  
(410) 631-3231

**Pennsylvania**

Mr. John Hulsberg  
PA Dept of Environ Res - Bureau of Air Quality  
Control  
400 Market St, State Office Bldg  
Harrisburg, PA 17105-8468  
(717) 772-3426

**Pennsylvania (Local)**

Mr. William Bianco  
Philadelphia Dept Public Health - Air Mgmt Services  
321 University Ave, Spelman Bldg  
Philadelphia, PA 19104  
(215) 823-7572

**Pennsylvania (Local)**

Ms. Judy Buckinger  
Allegheny Co. Health Dept - Bureau of Air Poll Control  
301 39th Street  
Pittsburgh, PA 15201  
(412) 578-7967

**Virginia**

Ms. Deborah White  
629 E Main Street, 8th Floor  
Richmond, VA 23219  
(804) 762-4408

**West Virginia**

Ms. Theresa Adkins  
WV Air Pollution Control Commisn  
1558 Washington Street, E  
Charleston, WV 25311  
(304) 558-4022

**Region 4**

**Florida**

Ms. Diane Spingler  
FL Dept of Env. Protection - Division of Air Resources  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400  
(904) 921-9522

**Region 5**

**Illinois**

Mr. David Asselmeier  
IL EPA - Div of Air Pollution Control  
2200 Churchill Rd, PO Box 19276  
Springfield, IL 62706  
(217) 782-7048

**Indiana**

Ms. Wanda Stanfield  
IN Dept of Environ Mgmt - Office of Air Management  
PO Box 6015  
Indianapolis, IN 46206  
(317) 233-6864

**Michigan**

Ms. Susan Parker  
MI Dept of Natural Resources - Air Quality Division  
PO Box 30260  
Lansing, MI 48909  
(517) 373-1238

**Minnesota**

Mr. John Morrill  
MN Poll Control Agency - Division of Air Quality  
520 Lafayette Road  
St. Paul, MN 55155-3898  
(612) 296-7351

**Ohio**

Ms. Clara Dailey  
OH EPA - Permit Management Unit  
1600 Watermark Drive  
Columbus, OH 43215-1034  
(614) 644-3631

**Wisconsin**

Mr. Colin Duffy  
WI DNR - Bureau of Air Management  
PO Box 7921 (AM/7)  
Madison, WI 53703  
(608) 266-9767

## **Region 6**

### **Arkansas**

Ms. Evelyn Withers  
AR Dept of Pollution & Ecology  
PO Box 8913  
Little Rock, AR 72219-8913  
(501) 570-2110

### **Louisiana**

LA Dept of Environmental Quality  
PO Box 82135  
Baton Rouge, LA 70884-2135  
(504) 765-0190

### **New Mexico**

Ms. Sheila Ayala  
Air Pollution Control Division  
PO Box 1293  
Albuquerque, NM 87103  
(505) 768-2600

### **New Mexico (Local)**

Mr. Martin Quintana  
NM Health & Environment Dept  
2048 Galisteo Road  
Sante Fe, NM 87505  
(505) 827-1472

### **Oklahoma**

Mr. Jeff Dye  
OK Department of Health  
Environmental Health Division  
PO Box 53551  
Oklahoma City, OK 73152  
(405) 271-1683

### **Oklahoma (Local)**

Oklahoma City/County Health Dept - APC  
921 NW 23rd Street  
Oklahoma City, OK 73105  
(405) 427-8651

### **Oklahoma (Local)**

Tulsa City/County Health Dept - Air Quality Control  
4616 E 15th Street  
Tulsa, OK 74112  
(918) 744-1000

### **Texas**

Mr. Jack Lehman  
Texas Air Control Board  
12124 Park 35 Circle  
Austin, TX 78753  
(512) 451-5711

## **Region 7**

### **Iowa**

Ms. Michele Kochheiser

IA Dept of Natural Res - Henry A Wallace Building  
900 E Grand  
Des Moines, IA 50319  
(515) 281-8024

### **Kansas**

Ms. Mariellen Butler  
KS Dept of Health and Environmnt  
Forbes Field, Building 740  
Topeka, KS 66620  
(913) 296-1577

### **Missouri**

Ms. Nikki Grimshaw  
MO DNR - Jefferson State Office Building  
PO Box 176  
Jefferson City, MO 65102  
(314) 751-8328

### **Nebraska**

Mr. Jim Yeggy  
NE Dept of Environmental Quality  
PO Box 98922  
Statehouse Station  
Lincoln, NE 68509-8922  
(402) 471-4212

## **Region 8**

### **Colorado**

Mr. Mark Kendra  
CO Air Pollution Control Div  
4300 Cherry Creek Drive, S  
Denver, CO 80222  
(303) 692-3172

### **Montana**

Mr. Brian Hohn  
MT Air Quality Bureau -Dept of Health & Env Science  
Cogswell Building  
Helena, MT 59620  
(406) 444-3454

### **North Dakota**

Mr. Jim Semerad  
ND Department of Health - Div of Env Engineering  
PO Box 5520  
Bismarck, ND 58506-5520  
(701) 328-5188

### **South Dakota**

Mr. Tim Rogers  
SD Office of Air Quality & Solid Waste - Div of Nat Res  
Joe Foss Building  
Pierre, SD 57501  
(605) 773-4201

### **Utah**

Ms. Susan Weisenberg  
UT Dept of Environmental Quality  
150 North 1950 West  
Salt Lake City, UT 84114-4820  
(801) 536-4000

### **Wyoming**

Mr. Dan Olsen  
WY Dept of Environmental Quality - Air Quality  
Division  
122 W 25th St, Herschler Bldg  
Cheyenne, WY 82002  
(307) 777-7391

**Region 9**

**Arizona**

Mr. Dave Kempson  
AZ Dept of Environmental Quality  
PO Box 600  
Phoenix, AZ 85001  
(602) 207-2325

**Arizona (Local)**

Ms. Jo Crumbaker  
Maricopa County - Air Pollution Control  
2406 S 24th Street, Suite E-214  
Phoenix, AZ 85034  
(602) 506-6705

**Arizona (Local)**

Mr. Pete Wagner  
Pima County DEQ  
130 W Congress Street  
Tucson, AZ 85701  
(602) 740-3347

**California**

Nester Castillo  
California Air Resources Board  
PO Box 2815  
Sacramento, CA 95812  
(916) 322-5716

**Hawaii**

Mr. Wendall Sano  
State of Hawaii - Clean Air Branch  
PO Box 3378  
Honolulu, HI 96801  
(808) 586-4200

**Nevada**

Mr. Tom Porta  
State of Nevada - Bureau of Air Quality  
123 W Nye Lane  
Carson City, NV 89710  
(702) 687-5065

**Nevada (Local)**

Ms. Lea Kain  
Clark County Health District - Air Poll Control Division  
625 Shadow Lane  
Las Vegas, NV 89127  
(702) 383-1276

**Nevada (Local)**

Ms. Linda O'Brien  
Washoe County - Air Quality Management Division  
PO Box 11130  
Reno, NV 89501  
(702) 328-3756

**Region 10**

**Alaska**

Mr. Ron King  
AK Dept of Environ Conservation  
410 Willoughby, Suite 105  
Juneau, AK 99801-1795  
(907) 465-5100

**Idaho**

Ms. Pat Rayne  
ID Div of Environmental Quality  
1410 N Hilton  
Boise, ID 83720  
(208) 334-0432

**Oregon**

Ms. Terri Sylvester  
OR Dept of Environmental Quality  
811 SW Sixth Street  
Portland, OR 97204-1390  
(503) 229-5181

**Washington**

Ms. Sally Otterson  
WA Department of Ecology (PV-11)  
PO Box 47600  
Olympia, WA 98504-7600  
(206) 407-6806

## **AFS Regional Emissions Contacts**

Mr. Bob McConnell  
US EPA, Region I (ATS-2311)  
John F Kennedy Building  
Boston, MA 02203  
(617) 565-3250

Mr. Demian Ellis  
US EPA, Region II (2AWM-AP)  
Air Program Branch  
290 Broadway - 20th Floor  
New York, NY 10007-1866  
(212) 264-9357

Mr. Ted Erdman  
US EPA, Region III (3PM-50)  
841 Chestnut Street  
Philadelphia, PA 19107  
(215) 597-1193

Mr. Joe LeVasseur  
US EPA, Region IV  
345 Courtland Street, NE  
Atlanta, GA 30365  
(404) 347-3555

Mr. Rafiu Dania  
US EPA, Region V (SQ-14J)  
77 W Jackson Boulevard  
Chicago, IL 60604  
(312) 353-6479

Ms. Ruth Tatom  
US EPA, Region VI (6E-SA)  
1445 Ross Avenue  
Dallas, TX 75202-2733  
(214) 665-8355

Mr. Royan Teter  
US EPA, Region VII - ARTX Division  
726 Minnesota Avenue  
Kansas City, KS 66115  
(913) 551-7609

Mr. Dale Wells  
US EPA, Region VIII (8ART-TO)  
999 18th Street, Suite 500  
One Denver Place  
Denver, CO 80202-2405  
(303) 293-0957

US EPA, Region IX (A-2-4)  
75 Hawthorne Street  
San Francisco, CA 94105  
(415) 744-1295

Mr. Bill Puckett  
US EPA, Region X (ES-097)  
1200 Sixth Avenue  
Seattle, WA 98101  
(206) 442-1702

## **AFS State Emissions Contacts**

### **Region 1**

#### **Connecticut**

Mr. Ron Freeto  
CT Dept of Environ Protection - Air Management  
165 Capitol Avenue  
Hartford, CT 06106  
(203) 566-4030

#### **Maine**

Mr. Jerry Bernier  
ME Dept of Env Prot - Bureau of Air Quality Control  
State House Station 17  
Augusta, ME 04333  
(203) 289-2437

#### **Massachusetts**

Mr. Bob Boisselle  
MA Dept of Environ Protection - Div of Air Qual Control  
One Winter Street, 8th Floor  
Boston, MA 02108  
(617) 292-5609

#### **New Hampshire**

Mr. Peter Paplaskas  
NH Dept of Environ Services - Air Resources Division  
64 N Main Street, Caller Bx 2033  
Concord, NH 03302-2033  
(603) 271-1370

#### **Rhode Island**

Mr. Joe Antonio  
RI Dept of Env Management - Div of Air & Haz Matls  
291 Promenade Street  
Providence, RI 02908  
(401) 277-2808

#### **Vermont**

Mr. Dan Riley  
VT Air Pollution Control Div-Agency of Nat Resources  
103 S Main Street, Bldg 3 South  
Waterbury, VT 05676  
(802) 244-8731

### **Region 2**

#### **New Jersey**

Mr. Ray Papalski  
NJ Dept of Environ Prot - Div of Env Quality (CN-027)  
401 E State Street  
Trenton, NJ 08625  
(609) 633-1104

#### **New York**

Mr. Rob Sliwinski  
NY State Dept of Environ Control  
50 Wolf Road, Room 736  
Albany, NY 12233  
(518) 457-2823



### **Region 3**

#### **Delaware**

Mr. Al Duramo  
DE Dept of Natural Resources & Envl Control  
89 Kings Highway, PO Box 1401  
Dover, DE 19901  
(302) 739-4791

#### **Maryland**

Mr. Edward Carter  
Air Mgmt Admin -Office of Environmental Programs  
2500 Broening Highway  
Baltimore, MD 21224  
(301) 631-3280

#### **Pennsylvania**

Mr. John Slade  
PA Dept of Environ Regulations  
PO Box 2357  
Harrisburg, PA 17105-2357  
(717) 787-4310

#### **Pennsylvania (Local)**

Mr. Tom Weir  
Department of Public Health - Air Mgmt Services  
500 S Broad Street  
Philadelphia, PA 19146  
(215) 875-5625

#### **Pennsylvania (Local)**

Mr. George Leney  
Allegheny County Health Dept - Bureau of Air Quality  
301 39th Street  
Pittsburgh, PA 15201  
(412) 578-8131

#### **Virginia**

Mr. Kirit Chaudhari  
VA Dept of Environmental Qual - Air Quality Programs  
PO Box 10009  
Richmond, VA 23240  
(804) 762-4414

#### **District of Columbia**

Mr. Don Wambsgans  
DC Dept of Consmr & Reg - Environ Cntrl, Suite 404  
2100 M L King Boulevard, SE  
Washington, DC 20020  
(202) 404-1180

#### **West Virginia**

Mr. John Benedict  
WV Air Pollution Control Commsn  
1558 Washington Street  
Charleston, WV 25311  
(304) 348-4022

### **Region 4**

#### **Alabama**

Ms. Monique Miles  
1751 Congressman W L Dickinson D  
Montgomery, AL 36130  
(205) 701-7864

#### **Florida**

Ms. Yi Zhu  
FL Dept of Environ Regulations - Div of Air Res Mgmt  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400  
(904) 448-1344

#### **Georgia**

Mr. Ken Powell  
GA Dept of Natural Resources - Env Prot Division,  
APB  
4244 International Pkwy, Ste 120  
Atlanta, GA 30354-3906  
(404) 363-7101

#### **Kentucky**

Ms. Diana Hogan  
KY Dept of Environ Protection  
803 Schenkel Lane  
Frankfort, KY 40601-1403  
(502) 573-2150

#### **Mississippi**

Mr. Connie Simmons  
MS Dept of Env Quality - Office of Pollution Control  
PO Box 10385  
Jackson, MS 39289-0385  
(601) 961-5171

#### **North Carolina**

Ms. Thena Smith  
NC Dept of Env Health & Nat Resources - Air Quality  
PO Box 29535  
Raleigh, NC 27626-0535  
(919) 733-1485

#### **South Carolina**

Mr. Bob Betterton  
SC Dept of Enr Control - Bureau of Air Quality Control  
2600 Bull Street  
Columbia, SC 29201  
(803) 734-4549

#### **Tennessee**

Mr. Ron Redus  
TN Air Pollution Control - L&C Annex, 9th Floor  
401 Church Street  
Nashville, TN 37243  
(615) 532-0577

## **Region 5**

### **Illinois**

Mr. David Asselmeier  
IL Environ Protection Agency  
2200 Churchill Road  
Springfield, IL 62706  
(217) 782-7038

### **Indiana**

Ms. Nancy Landau  
IN Dept of Environ Mgmt - Office of Air Management  
PO Box 6015  
Indianapolis, IN 46206-6015  
(317) 233-4862

### **Michigan**

Ms. Beth Minich  
MI Dept of Natural Resources  
PO Box 30260  
Lansing, MI 48909  
(517) 373-7051

### **Minnesota**

Mr. Paul Kim  
MN Pollution Control Agency  
520 Lafayette Road  
St Paul, MN 55155  
(612) 296-7320

### **Ohio**

Mr. William Juris  
OH Environ Protection Agency  
1800 Watermark Drive  
Box 1049  
Columbus, OH 43266-0149  
(614) 644-3593

### **Wisconsin**

Mr. J.R. Sims  
Stationary Source Unit  
Box 7921  
Madison, WI 53707  
(608) 266-0151

## **Region 6**

### **Arkansas**

Mr. Mike Porta  
AR Dept of Pollution Control and Ecology, Air Division  
8001 National Drive  
Little Rock, AR 72209  
(501) 562-7444

### **Louisiana**

Ms. Marie Walsh  
LA Dept of Env Quality - Air Quality Div, Info Systems  
PO Box 82135  
Baton Rouge, LA 70884-2135  
(504) 765-0190

### **New Mexico (Local)**

Mr. Mike Smith  
Albuquerque Dept of Environmental Health - APCD  
PO Box 1293  
Albuquerque, NM 87103  
(505) 768-2600

### **New Mexico**

Mr. Jim Shively  
NM Air Quality Bureau - Env Improvement Div  
1190 St Francis  
Sante Fe, NM 87503  
(505) 827-0068

### **Oklahoma (Local)**

Tulsa City-Co. Health Dept - Air Pollution Control Div  
4616 E 15th Street  
Tulsa, OK 74112  
(918) 744-1000

### **Oklahoma**

Mr. Larry Trent  
OK Dept of Environmental Quality - Air Quality  
Program  
4545 N Lincoln Blvd  
Oklahoma City, OK 73105-3483  
(405) 271-1683 x196

### **Texas**

Mr. Bill Gill  
Texas Natural Resources Conservation Commission  
PO Box 13087  
Austin, TX 78711-3087  
(512) 908-1477

## **Region 7**

### **Iowa**

Mr. Joseph Griffin  
IA Dept of Natural Resources - Div of Env Control  
900 E Grand  
Des Moines, IA 50319  
(515) 281-8911

### **Kansas**

Mr. Dana Morris  
KS Dept of Health & Env - Bureau of Air Quality & Rad  
Forbes Field, Building 740  
Topeka, KS 66620  
(913) 296-1578

### **Missouri**

Mr. Calvin Ku  
MO Dept of Natural Res - Air Pollution Control  
Program  
PO Box 176  
Jefferson City, MO 65102  
(314) 751-4817

### **Nebraska**

Mr. James Fobben  
NE Dept of Environmental Control  
Box 98922, State House Station

Lincoln, NE 68509  
(402) 471-4204

2406 S 24th Street, Suite E214  
Phoenix, AZ 85034-6822  
(602) 506-6705

## **Region 8**

### **Colorado**

Mr. Mark Kendra  
CO Department of Health  
4300 Cherry Creek Drive, S (APCD - SS - B1)  
Denver, CO 80220  
(303) 692-3172

### **Montana**

Mr. Brian Hohn  
MT Dept of Health & Environ Scns - Air Quality  
Bureau  
Cogswell Building  
Helena, MT 59620  
(406) 444-3454

### **North Dakota**

Mr. Gary Kline  
ND Department of Health  
1200 Missouri Avenue  
Bismarck, ND 58506-5520  
(701) 328-5188

### **South Dakota**

Mr. Brian Gustafson  
SD Dept of Water & Nat Res - Div of Env Regulations  
Joe Foss Building  
Pierre, SD 57501  
(605) 773-4201

### **Utah**

Ms. Patti Kimes  
UT Dept of Environmental Quality  
150 N 1950 West  
Salt Lake City, UT 84114-4820  
(801) 536-4000

### **Wyoming**

Mr. Dan Olsen  
WY Dept of Environmental Quality - Air Quality  
Division  
122 W 25th Street  
Cheyenne, WY 82002  
(307) 777-7391

## **Region 9**

### **Arizona**

Mr. Mike Traubert  
AZ Dept of Environmental Quality - Office of Air  
Quality  
3033 N Central Avenue  
Phoenix, AZ 85012  
(602) 207-2325

### **Arizona (Local)**

Ms. Jo Crumbaker  
Maricopa County Division of Air Pollution Control

### **Arizona (Local)**

Mr. Doug LaGrange  
Pima County Department of Environmental Quality  
150 W Congress Street, 5th Floor  
Tucson, AZ 85701-1317  
(602) 440-6705

### **California**

Ms. Linda Murchison  
CA Air Resources Board  
Box 2815  
Sacramento, CA 95812  
(916) 322-6021

### **Hawaii**

Mr. Tyler Sugihara  
HI Department of Health - Clean Air Branch  
PO Box 3378  
Honolulu, HI 96801  
(808) 543-8201

### **Nevada (Local)**

Mr. David Hoch  
Clark County Health District - Air Pollution Control Div  
625 Shadow Lane  
Las Vegas, NV 89106  
(802) 383-1276

### **Nevada**

Mr. Jim Brandmueller  
NV Bureau of Air Quality  
123 W Nye Lane  
Carson City, NV 89710  
(702) 687-4670

### **Nevada (Local)**

Ms. Linda O'Brien  
Washoe County Air Quality Management Division  
PO Box 11130  
Reno, NV 89501  
(702) 784-7206

### **American Samoa**

Ms. Pati Faiai  
Director, American Samoa EPA  
Office of the Governor  
Pago Pago, AS, 96799

### **Guam**

Mr. Fred Castro  
Guam Environ Protection Agency  
IT&E Harmon Plaza, Unit D-107  
130 Rojas Street  
Harmon, GU 96911

## **Region 10**

### **Alaska**

Mr. Ron King  
AK Dept of Environ Conservation  
410 Willoughby Avenue, Suite 105  
Juneau, AK 99801-1795  
(907) 465-2666

### **Idaho**

Ms. Douglas Fowler  
ID Dept of Health & Welfare - Div of Env Quality  
1410 N Hilton  
Boise, ID 83706  
(208) 334-0548

### **Oregon**

Mr. Wes Risher  
OR Dept of Environmental Quality  
811 SW Sixth Street  
Portland, OR 97204  
(503) 229-5092

### **Washington**

Ms. Sally Otterson  
WA Department of Ecology - Air Quality Program  
PO Box 47600  
Olympia, WA 98504-7600  
(206) 407-6806

## **AFS Regional Permits Contacts**

Brendan McCahill  
USEPA, Region 1  
JFK Federal Building, Room 2311  
Boston, MA 02203  
(617) 565-3262

Mr. Robert Carvalho  
USEPA Region 2  
290 Broadway - 21st Floor  
New York, NY 10007-1866  
(212) 637-4021

Ms. Betty Harris  
USEPA Region 3 (3AT-21)  
841 Chestnut Street  
Philadelphia, PA 19107  
(215) 597-7906

Mr. Doug Deakin  
USEPA Region 4  
345 Courtland Street, NE  
Atlanta, GA 30365  
(404) 347-3555 x4152

Mr. Gregory Zurla  
USEPA Region 5 - Air & Radiation (5AE-26)  
230 S. Dearborn Street  
Chicago, IL 60604  
(312) 886-2402

Ms. Betsy Metcalf  
USEPA Region 6 (6T-AN)  
1445 Ross Avenue  
Dallas, TX 75201  
(214) 665-7272

Mr. Ward Burns  
USEPA Region 7  
726 Minnesota Avenue  
Kansas City, KS 66101  
(913) 551-7960

Mr. Dale Wells  
USEPA Region 8 (8ART-TOB)  
999 18th Street, Suite 500  
Denver, CO 80225  
(303) 294-0957

Mr. Roger Kohn  
USEPA Region 9 (A-5-2)  
75 Hawthorne Street  
San Francisco, CA 94105  
(415) 744-1238

Ms. Laurie Kral  
USEPA Region 10 (AT-082)

1200 Sixth Avenue  
Seattle, WA 98101  
(206) 553-1868